

AGENDA: May 13, 2003

4.12

CATEGORY: Consent

DEPT.: Public Works

TITLE: Resolution for California Energy
Commission Grant Agreement for Battery
Back-Up Equipment

RECOMMENDATION

Adopt A RESOLUTION APPROVING SUBMITTAL OF A BATTERY BACK-UP (BBS) GRANT APPLICATION; AND ACCEPTANCE OF A BBS GRANT AWARD RELATING TO THE PURCHASE AND INSTALLATION OF UNINTERRUPTIBLE POWER SUPPLY SYSTEMS FOR TRAFFIC SIGNALS, to be read in title only, further reading waived.

FISCAL IMPACT

The City is eligible for a one-time only grant of up to \$156,940 to install battery back-up equipment at City-owned traffic signals without this equipment. The grant will fund about one-third (1/3) of the project cost and the City must provide a local match to cover about two-thirds (2/3) of the project cost.

The City may use all or a portion of the grant funds. Battery back-up equipment could be installed at all 59 traffic signals to take maximum advantage of the grant, at the 40 Tier I traffic signals identified in the proposed Fiscal Year 2003-04 CIP, or on some lesser number of intersections based on the amount of local match approved by the City Council in the upcoming Fiscal Year 2003-04 CIP. The following table shows the amount of grant funds and local match for these options.

	<u>Description</u>	<u>Grant Funds</u>	<u>Local Match</u>
1.	Install battery back-up equipment at all 59 traffic signals currently without this equipment.	\$156,940	\$310,000
2.	Install battery back-up equipment at 40 Tier I traffic signals, as proposed in the Fiscal Year 2003-04 CIP.	\$106,000	\$210,000
3.	Install battery back-up equipment at any number of intersections.	\$2,660 per intersection	\$5,240 per intersection

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The local match will be funded from a combination of accounts. The \$210,000 local match for the project proposed in the CIP comes from Gas Tax (\$100,000), the Shoreline Community Fund (\$60,000) and Property/Construction Conveyance Tax Fund (\$50,000). If battery back-up equipment is installed at all 59 traffic signals, the Property/Construction Conveyance Tax Fund portion would be increased from \$50,000 to \$150,000 for the local match.

Since the grant funds must be spent by December 31, 2003, the City must complete the installation of the selected signals and submit a claim for the grant funds by that time.

BACKGROUND AND ANALYSIS

The City recently received a grant from the California Energy Commission to partially fund battery back-up equipment for the City's traffic signals that currently do not have this equipment. In emergency situations during power outages, City maintenance crews are deployed to place temporary stop signs at critical intersections and Police personnel are often deployed to direct traffic. The battery back-up equipment can operate a traffic signal for one to two hours of normal operation, plus two to four hours of intersection flash operation, thereby enhancing maintenance staff's and Police staff's ability to respond to other community needs during these emergency situations. The proposed project will install battery back-up equipment at 40 out of 59 traffic signals that are considered to be the highest priority (Tier I) because they are located on major roadways or in proximity to schools. Attachment 2 is a listing of these locations.

Even though the City has already applied for this grant and been notified that funds are reserved for the City upon completion of the project, the grant requires the City to adopt a resolution retroactively approving the submittal of the battery back-up system grant application and approving acceptance of the grant award. This resolution is included as Attachment 1. Adopting the resolution approving the application for and accepting the grant does not obligate the City to pursue the project if the City Council decides not to include the project in the 2003-04 Capital Improvement Program. The action will preserve the City's ability to receive up to \$156,940 in grant funds to retrofit all 59 intersections, pending a final decision on the CIP.

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PUBLIC NOTICING—Agenda posting.

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DB/9/CAM
953-05-13-03M-E-1^

Attachments: 1. Resolution
2. Battery Back-Up Priority List

cc: APWD—Ko, TE, STE, F/c

CITY OF MOUNTAIN VIEW
RESOLUTION NO.
SERIES 2003

A RESOLUTION APPROVING SUBMITTAL OF A BATTERY BACK-UP (BBS) GRANT APPLICATION; AND ACCEPTANCE OF A BBS GRANT AWARD RELATING TO THE PURCHASE AND INSTALLATION OF UNINTERRUPTIBLE POWER SUPPLY SYSTEMS FOR TRAFFIC SIGNALS

WHEREAS, the California Energy Commission (Commission) has an active program which offers a partial rebate to public agencies for the installation of traffic signal Uninterruptible Power Supply (UPS) systems; and

WHEREAS, in order to qualify for the rebate, the proposed UPS systems must be installed at traffic signals that are already retrofitted with Light Emitting Diode (LED) lamps; and

WHEREAS, the City of Mountain View is in a position to receive a grant of up to \$156,940 as a result of submitting the subject grant application;

NOW, THEREFORE, BE IT RESOLVED, that the Mountain View City Council does hereby approve the submittal of the BBS grant application relating to the purchase of UPS systems for traffic signals; and

BE IT FURTHER RESOLVED, that the Mountain View City Council does hereby approve the acceptance of a BBS grant award relating to the purchase and installation of uninterruptible power supply systems for traffic signals; and

BE IT FURTHER RESOLVED, that the Mountain View City Council does hereby authorize and empower the City Manager to execute in the name of the City of Mountain View all necessary documents to implement and carry out the purpose of this resolution and undertake all necessary actions to successfully complete the battery back-up systems installations.
